

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L4    | 73   | "swash plate" and "hydraulic accumulator"  | USPAT;<br>USOCR                                       | OR               | ON      | 2007/02/20 07:08 |
| L5    | 13   | "swash plate" and "hydraulic accumulator" and (accumulator with spring)  | USPAT;<br>USOCR                                       | OR               | ON      | 2007/02/20 07:09 |
| L6    | 80   | ("swash plate" or "wobble plate") and "hydraulic accumulator"  | USPAT;<br>USOCR                                       | OR               | ON      | 2007/02/20 07:11 |
| L7    | 485  | ("swash plate" or "wobble plate") and accumulator  | USPAT;<br>USOCR                                       | OR               | ON      | 2007/02/20 07:12 |
| L8    | 90   | ("swash plate" or "wobble plate") and (accumulator with spring)  | USPAT;<br>USOCR                                       | OR               | ON      | 2007/02/20 07:16 |
| L9    | 32   | ("swash plate" or "wobble plate") and (accumulator with spring with piston)  | USPAT;<br>USOCR                                       | OR               | ON      | 2007/02/20 07:12 |
| S1    | 21   | ((("3252426") or ("3834836") or ("4077746") or ("3306209") or ("3846049") or ("4850544") or ("4097196"))).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/11/28 13:30 |
| S2    | 24   | ((("6619325") or ("6578549") or ("6408972") or ("5076377") or ("4540221") or ("4540345") or ("4129063") or ("3963039") or ("3922854") or ("3791703"))).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/02/19 15:50 |
| S3    | 22   | ("swash plate" or "wobble plate") and ("valve plate" with springs)   | USPAT   | OR               | OFF     | 2006/11/28 13:36 |
| S4    | 148  | ("swash plate" or "wobble plate") and ("valve plate" with springs)   | USPAT   | OR               | ON      | 2006/12/05 15:51 |
| S12   | 2    | ("20050172798").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/12/07 09:39 |
| S13   | 2    | ("5709535").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/12/06 14:24 |
| S28   | 14   | ("1840864"   "2445281"   "3364679"   "3464206"   "4223594"   "4478134"   "5062267"   "5354180"   "5593291").PN. OR ("6959638").URPN.                       | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/12/07 09:51 |
| S29   | 7    | ("2445281").URPN.  | USPAT   | OR               | OFF     | 2006/12/15 10:41 |
| S30   | 11   | ("2722889"   "3364679"   "3464206"   "3498227"   "4939900").PN. OR ("5062267").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/12/15 10:51 |

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|     |     |   |                 |    |     |                  |
|-----|-----|---|-----------------|----|-----|------------------|
| S31 | 24  | (US-3791703-\$ or US-6517321-\$ or US-6510699-\$ or US-4976284-\$ or US-4478134-\$ or US-5368450-\$ or US-5062267-\$ or US-6659733-\$ or US-6227814-\$ or US-5285641-\$ or US-6015269-\$ or US-6422831-\$ or US-5366351-\$ or US-5203803-\$ or US-5450987-\$ or US-6347927-\$ or US-6247391-\$ or US-6517323-\$ or US-4449444-\$ or US-4939900-\$ or US-3498227-\$).did. or (US-2445281-\$ or US-1840864-\$ or US-2722889-\$). did. | USPAT;<br>USOCR | OR | OFF | 2006/12/15 11:00 |
| S32 | 0   | S31 and hydrodynamic  | USPAT;<br>USOCR | OR | OFF | 2006/12/15 11:01 |
| S33 | 2   | S31 and "compression spring"  | USPAT;<br>USOCR | OR | OFF | 2006/12/15 11:51 |
| S34 | 0   | S31 and "conical spring"  | USPAT;<br>USOCR | OR | OFF | 2006/12/15 11:03 |
| S35 | 5   | S31 and controller  | USPAT;<br>USOCR | OR | OFF | 2006/12/15 11:05 |
| S36 | 1   | "swash plate" and (controller with parameter) and (parameter with rotation)   | USPAT;<br>USOCR | OR | OFF | 2006/12/15 11:06 |
| S37 | 4   | "swash plate" and (controller with parameter) and (parameter with rotation)   | USPAT;<br>USOCR | OR | ON  | 2006/12/15 11:09 |
| S38 | 13  | "swash plate" and (controller same parameter) and (parameter same rotation)   | USPAT;<br>USOCR | OR | ON  | 2006/12/15 11:52 |
| S39 | 37  | "swash plate" and (hydrodynamic with bearing)   | USPAT;<br>USOCR | OR | ON  | 2006/12/15 12:27 |
| S40 | 190 | "swash plate" and (rotation with sensor)  | USPAT;<br>USOCR | OR | ON  | 2006/12/15 12:41 |
| S41 | 178 | pump and (rotation with (sensor or detector) with (tooth or teeth))   | USPAT;<br>USOCR | OR | ON  | 2007/02/19 16:24 |
| S42 | 4   | ("swash plate" or "wobble plate") and (rotation with (sensor or detector) with (tooth or teeth))  | USPAT;<br>USOCR | OR | ON  | 2006/12/15 12:46 |
| S43 | 4   | ("swash plate" or "wobble plate") and (rotation with (sensor or detector) with (tooth or teeth or groove))  | USPAT;<br>USOCR | OR | ON  | 2006/12/15 12:47 |
| S44 | 5   | ("swash plate" or "wobble plate") and (rotation with (sensor or detector) with (tooth or teeth or groove or protrusion))  | USPAT;<br>USOCR | OR | ON  | 2006/12/15 12:47 |

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|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S45 | 6    | ("5173032"   "5316446"   "5573379"   "5577894"   "5836748"   "6203284").PN. OR ("6517321").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2006/12/19 04:39 |
| S46 | 41   | ((("3252426") or ("3306209") or ("3834836") or ("3846049") or ("4077746") or ("4097196") or ("4850544") or ("3791703") or ("3922854") or ("3963039") or ("4129063") or ("4540345") or ("4540221") or ("5076377") or ("6408972"))).PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/19 06:16 |
| S47 | 30   | (US-6347927-\$ or US-6247391-\$ or US-6227814-\$ or US-3791703-\$ or US-4939900-\$ or US-3498227-\$ or US-5203803-\$ or US-6517323-\$ or US-6015269-\$ or US-4449444-\$ or US-4508011-\$ or US-5366351-\$ or US-5368450-\$ or US-4976284-\$ or US-6547531-\$ or US-6510699-\$ or US-5749710-\$ or US-6659733-\$ or US-5062267-\$ or US-5285641-\$ or US-5450987-\$ or US-4478134-\$ or US-6517321-\$ or US-5205124-\$ or US-5850775-\$ or US-6422831-\$).did. or (US-4097196-\$).did. or (US-1840864-\$ or US-2445281-\$ or US-2722889-\$).did. | USPAT;<br>USOCR                                       | OR | OFF | 2006/12/19 05:44 |
| S48 | 2    | hydrodynamic and S47  | USPAT;<br>USOCR                                       | OR | OFF | 2006/12/19 05:44 |
| S49 | 1019 | (417/222.1).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/19 06:16 |
| S50 | 750  | (417/222.2).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/19 06:16 |
| S51 | 2554 | (417/269).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/19 06:16 |
| S52 | 2    | ("20050175442").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/02/19 15:57 |

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|     |    |                                      |   |    |     |                  |
|-----|----|--------------------------------------|---|----|-----|------------------|
| S53 | 2  | ("6684655").PN.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/02/19 15:57 |
| S54 | 45 | "swash plate" and (Hall with sensor) | USPAT;<br>USOCR                                       | OR | ON  | 2007/02/20 07:08 |